

07/803269



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Ronald A. Katz )  
SERIAL NO. : NOT ASSIGNED YET ) Examiner: T. Brown  
FILED : ) In Parent  
FOR : TELEPHONIC-INTERFACE ) Art Unit: 261  
STATISTICAL ANALYSIS )  
SYSTEM )  
DOCKET NO. : 4646-101NA )

#3B

R. Logan

1-2392

PRELIMINARY AMENDMENT

December 3, 1991  
201 North Figueroa Street  
Los Angeles, California 90012

Commissioner of Patents  
and Trademarks  
Washington, D. C. 20231

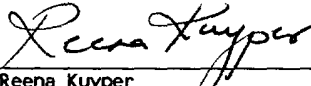
Sir:

Prior to examination, please amend as follows the  
above-identified patent application which is a continuation of  
Application Serial No. 07/640,337 filed on January 11, 1991:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited  
with the United States Postal Service in an envelope as  
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Trademarks, Washington, D. C. 20231.

Date: December 3, 1991

  
Reena Kuyper

IN THE SPECIFICATION:

B1

On page 1, at line 1 of the first paragraph, after "This" insert ~~is a~~ <sup>divisional</sup> continuation of Application Serial No. 07/640,337 filed January 11, 1991 and entitled "Telephonic-Interface Statistical Analysis System" which is a continuation of Application Serial No. 335,923 filed April 10, 1989 and entitled "Telephonic-Interface Statistical Analysis System" which is a continuation of Application Serial No. 194,258 filed May 16, 1988 and entitled "Telephonic-Interface Statistical Analysis System," now ~~U.S. Patent No. 4,845,739~~ <sup>U.S. Patent No. 4,845,739</sup> issued July 4, 1989, which ~~is~~.

B2

Page 1, line 5, after "Facility" insert ~~is~~, now U.S. Patent No. 4,792,968, issued December 20, 1988, ~~is~~.

Page 1, line 8, after "Facility" and before the period insert --, now abandoned--.

Page 4, line 21, delete "and".

Page 4, line 23, delete the period at the end of the line and substitute therefor --; and--.

B3

Page 4, line 24, insert ~~is~~ FIGURE 9 is a block diagram of the connections between the CPU and remote stations. ~~is~~

B4

Page 21, line 16, delete "(by voice cue) to provide" and substitute therefor ~~is~~ by the voice generator to provide (by voice) ~~is~~.

Page 25, line 28, after "currently" insert --a--.

Page 25, line 30, after "calculator" insert

--100--.

IN THE CLAIMS:

Please cancel Claim 1 and add Claims 29-42  
(numbered consecutively from the original application as filed  
in the parent case, U.S. Serial No. 07/640,337).

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29. A controlled interface system for use with a  
telephonic communication facility including remote terminals  
for individual callers, wherein said remote terminals may  
comprise a conventional telephone instrument, and wherein said  
telephone communication facility may provide called terminal  
digital signals to a called station representative of the  
called station, said controlled interface system comprising:

function unit means for supplying information of  
various formats, at least one of said formats being associated  
with an audio broadcast;

interface means for interfacing said telephonic  
communication facility with said function unit means for voice  
and digital communication including means to receive terminal  
formed digital signals and means to provide signals represen-  
tative of vocal communication to individual callers; and

coupling means for coupling a specific caller at a  
terminal through said interface means to said function unit  
means for selective communication in accordance with a

19 specific one of said formats under control of said called  
20 terminal digital signals. ~~but~~

1 <sup>2</sup>  
2 ~~4430~~. A controlled interface system in accordance  
3 with Claim ~~29~~ wherein said coupling means includes at least  
one automatic call distributor. ~~but~~

1 <sup>3</sup>  
2 ~~4431~~. A controlled interface system in accordance  
3 with Claim ~~29~~ further including qualification means for  
4 qualifying calls and wherein said coupling means is further  
controlled by said qualification means. ~~but~~

1 <sup>4</sup>  
2 ~~4432~~. A controlled interface system in accordance  
3 with Claim ~~29~~ wherein said function unit means comprises a  
4 multiple-port multiple-format processor structure. ~~but~~

1 <sup>5</sup>  
2 ~~4433~~. A controlled interface system in accordance  
3 with Claim ~~29~~ further including memory means for storing  
4 representations of said terminal-formed signals. ~~but~~

1 <sup>6</sup>  
2 ~~4434~~. A controlled interface system in accordance  
3 with Claim ~~29~~ wherein said terminal-formed signals comprise  
billing identification data. ~~but~~

1 7  
2 ~~35~~. A controlled interface system in accordance  
3 with Claim 29 wherein said interface means interfaces a caller  
billing structure of the telephonic communication facility. ~~66~~

1 ~~Sub C1~~ ~~36~~. A controlled interface system in accordance  
2 with Claim 35 wherein said caller billing structure pays to  
3 ~~dial caller billing data.~~ ~~66~~

1 9  
2 ~~37~~. A controlled interface system in accordance  
3 with Claim 29 wherein said format associated with said audio  
4 broadcast includes processing said individual callers to  
isolate a subset of callers. ~~66~~

1 10  
2 ~~38~~. A controlled interface system in accordance  
3 with Claim 37 wherein said subset is isolated by polling the  
public. ~~66~~

1 12  
2 ~~39~~. A controlled interface system in accordance  
3 with Claim 37 wherein said subset is isolated by a contest. ~~66~~

1 ~~Sub C2~~ ~~40~~. A controlled interface system in accordance  
2 with Claim 29 wherein at least one of said terminal-formed  
3 ~~signals comprise caller billing identification data.~~ ~~66~~

1 114. A controlled interface system in accordance  
2 with Claim 29 wherein a consumable key test restricts access  
3 by callers to a single use. 47

1 42. A control system for use with a telephonic  
2 communication facility including remote terminals for  
3 individual callers, wherein said remote terminals may comprise  
4 a conventional telephone instrument, and wherein said facility  
5 may provide called terminal digital signals to a called  
6 station representative of the calling station, said system  
7 comprising:

8 function unit means for supplying information of  
9 various formats, at least one of said formats being associated  
10 with an audio broadcast;

11 interface means for interfacing said telephonic  
12 communication facility to said function unit means for voice  
13 communication including means to receive terminal formed  
14 digital signals and means to provide signals representative of  
15 vocal communication to individual callers; and

16 call distribution means for coupling a specific  
17 caller at a terminal through said interface means to said  
18 function unit means for communication in accordance with a  
19 specific one of said formats, further wherein said distribu-  
20 tion means includes a multiplicity of inputs for receiving a  
21 plurality of calls to be selectively coupled to said function

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unit means through said interface means in accordance with  
said called terminal digital ~~signals~~.bt

#### REMARKS

Claims 29-35 and 42 (numbered consecutively from the original application as filed in the parent case U.S. Serial No. 07/640,337) correspond to Claims 49-52, 55-57 and 60 in the parent case. In the Office Action dated June 4, 1991 in the parent case, the Examiner indicated that Claims 49-52, 55, 57 and 60 would be allowable if amended to overcome the rejections under 35 U.S.C. § 112.

In particular, with respect to Claim 49, i.e. present Claim 29, the Examiner indicated that "said control system" lacks antecedent basis. Claim 29 has been amended by replacing "said control system" with --said controlled interface system-- which has antecedent basis on line 1 thereof.

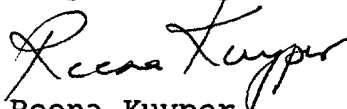
With respect to Claim 60, i.e. present Claim 42, the Examiner indicated that at lines 8-9, "function unit means for information of various formats" is unclear. Claim 42 has been amended to clearly define that the function unit means is for --supplying-- information of various formats.

Applicant respectfully submits that the amendments to Claims 29-35 and 42, corresponding to Claims 49-52, 55-57 and 60 in the parent case, overcome the rejections under 35

U.S.C. § 112 and respectfully requests allowance of Claims 29-35 and 42.

Claims 36-41 define additional features of the invention. Claims 36-41 by virtue of their dependency from present Claim 29, i.e. Claim 49 in the parent application which the Examiner deemed is directed to allowable subject matter, are likewise in condition for allowance. Applicant respectfully requests allowance of Claims 36-41. No additional fee is required.

Respectfully submitted,



Reena Kuyper  
Registration No. 33,830

(213) 977-1001